

From

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PATENT APPLICATION TRANSMITTAL LETTER

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

"Express Mail" label No. EL392170664US
Date of Deposit: November 10, 2003

I hereby certify that this is being deposited with the United States Postal Service Express "Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

By: John F. Klos
Printed/Typed Name: John F. Klos, Esq.

Sir:

Transmitted herewith for filing under 37 C.F.R. 1.53(b) is a(n):

☒ Utility

☒ Original patent application,

Inventor(s): Giddings, Daniel G., et al.

For: Method and Apparatus for Cleaning Fabrics, Floor Coverings, and Bare Floor Surfaces
Utilizing a Soil Transfer Cleaning Medium
Atty. Docket No.: TC408/410CIP

Enclosed are:

1. ☒ 17 pages of written description, claims and abstract.
2. ☒ 7 sheets of drawings.
3. ☒ Combined Declaration and Power of Attorney.
 - (a) ☐ Newly executed (original or copy)
 - (b) ☐ Copy from prior application (37 CFR 1.63(d))
(for continuation/divisional if Box 5 completed)

4. ☐ Incorporation by Reference (useable if Box (b) is checked).

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 3(b), is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

5. ☒ **If a CONTINUING APPLICATION**, check appropriate box and supply the requisite information:
☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No
6. ☐ Assignment Papers (recordation cover sheet and assignment).
7. ☐ The company claims small entity status.

17510 U.S. PTO
10/705570



8. ☐ Information Disclosure Statement and Form PTO-1449. ☐ Copies of IDS Citations.
9. ☐ Preliminary Amendment
10. ☒ Return Receipt Postcard (MPEP 503) *(should be specifically itemized)*
11. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
12. ☐ Other:

13. Utility Fee Calculation

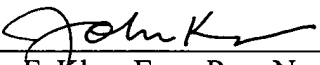
CLAIMS	(1) FOR	(2) NUMBER FILED		(3)NUMBER EXTRA	(4) RATE			(5) CALCULATIONS
	TOTAL CLAIMS (37 C.F.R. § 1.16(c) or (j))	22	- 20 =	2	X	\$	18	= \$ 36.00
	INDEPENDENT CLAIMS (37 C.F.R. § 1.16(b) or (l))	5	- 3 =	2	X	\$	86	= \$172.00
	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 C.F.R. § 1.16(d))				+		=	
					Basic Fee			\$770.00
					Total of above Calculations =			\$978.00
	Reduction by 50% for filing by small entity (Note 37 C.F.R. §§ 1.9, 1.27 & 1.28)							
	* Reissue claims in excess of 20 and over original patent ** Reissue independent claims over original patent				TOTAL =			\$978.00

Method of Fee Payment

14. ☐ A check in the amount of \$0.00 to cover the filing fee is enclosed.
15. ☐ A check in the amount of \$0.00 to cover the assignment recordal fee is enclosed.
16. ☒ Please charge my Deposit Account No. 50-1212 (JFK/TC408/410CIP) in the total amount of the filing fee and the assignment recordation fees. **A duplicate of this Transmittal Letter is enclosed.**
17. ☐ The Commissioner is hereby authorized to charge any deficiency in the enclosed fees under 37 C.F.R. §1.17, or credit any overpayment, to Fulbright & Jaworski L.L.P., Deposit Account No. 50-1212 (JFK/TC408/410CIP).

Respectfully submitted, Tennant Company,
by its attorneys,

Dated: November 10, 2003


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Giddings, D., Wellens, R., and Wydra, L.)	PATENT
)	
Serial No.:	10/081,374)	Art Group Unit: 1744
)	
Filed:	February 22, 2002)	Examiner:
)	
Title:	Apparatus and Method of Cleaning)	
	Fabrics, Floor Coverings, and bare)	
	Surfaces Utilizing a Soil Transfer)	Atty Docket No. TC408/410
	Cleaning Medium)	

Commissioner for Patents
Washington, D.C. 20231

Statement

Sir:

Pursuant to 37 CFR §1.102 and M.P.E.P §708.02, and in support of a petition to accord
“special” status to the above identified application, the undersigned states the following:

1. The undersigned is one of the inventors of the above identified application.
2. The invention materially contributes to the conservation or maintenance of the basic life-sustaining natural elements, i.e., air, water, and soil.
3. More particularly, the invention materially contributes to the conservation or maintenance of water resources.
4. The invention is directed to improved methods of cleaning surfaces, such as carpets and floor coverings, and a device for performing the methods of cleaning.
5. Prior art methods of cleaning surfaces have typically utilized a water-based cleaning solution which contain one or more chemicals, such as detergents, etc. at a predetermined concentration.

6. Prior art devices, such as carpet extractors, typically utilize relatively large amounts of the cleaning solution during a cleaning process.
7. The invention is directed to an improved apparatus and methods of cleaning surfaces utilizing a soil transfer cleaning medium.
8. The improved apparatus and methods of cleaning surfaces utilize substantially less cleaning solution to achieve acceptable visual results in a carpet or other floor surface covering.
9. Substantial reductions in the amount of water and cleaning chemicals required to perform an improved cleaning process have been realized. Solution usage rates of 0.25 gallons per minute have yielded acceptable results. In comparison, a prior art extractor machine of similar size may use one gallon per minute. As water is the primary component of the cleaning solution, the improved processes promote an efficient use of water.
10. The invention contributes to the conservation or maintenance of water resources by reducing the amount of water required to perform cleaning processes and by reducing the amount of detergents or other chemicals which may ultimately be introduced into the ecology.

Larry D. Wydra

Dated: February 24, 2003

